

ABSTRACT OF THE DISCLOSURE

A novel emulsion polymerization process for the production of
fluoroelastomers is disclosed wherein a partially fluorinated anionic
5 surfactant of the formula $F-(CF_2CF_2)_n-CH_2CH_2SO_3M$, where n is an integer
from 2 to 9, or mixtures thereof, and M is a cation having a valence of 1, is
used as the dispersing agent.